

Fig. 1

**Rule Field Type 1**

IPDA	Value[31:0]	Mask [4:0]	Mask All	Equal
IPSA	Value [31:0]	Mask [4:0]	Mask All	Equal

Fig. 2(a)

**Rule Field Type 2**

TDS	Value [7:0]	Mask [7:0]	Equal
TSS	Value [7:0]	Mask [7:0]	Equal
RPOT	Value [7:0]	Mask [7:0]	Equal
TOS	Value [7:0]	Mask [7:0]	Equal
TYPE	Value [15:0]	Mask [15:0]	Equal
VID	Value [11:0]	Mask [11:0]	Equal
VRPIO	Value [2:0]	Mask [2:0]	Equal

Fig. 2(b)

**Rule Field Type 3**

PRO A	Value [7:0]	Mask [7:0]	Equal
PRO B	Value [7:0]	Mask [7:0]	Equal
PRO C	Value [7:0]	Mask [7:0]	Equal
PRO D	Value [7:0]	Mask [7:0]	Equal
PRO E	Value [31:0]	Mask [31:0]	Equal
PRO F	Value [31:0]	Mask [31:0]	Equal

**Global programmable  
start byte address**

StartByte A
StartByte B
StartByte C
StartByte D
StartByte E
StartByte F

Fig. 2(c)

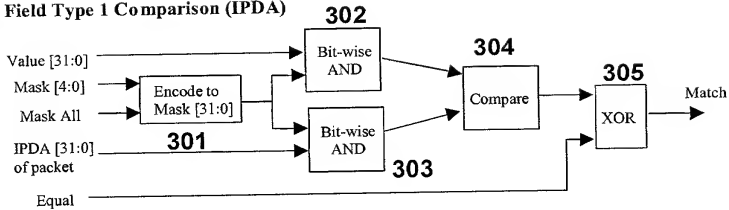
**Rule Field Type 1 Comparison (IPDA)**

Fig. 3(a)

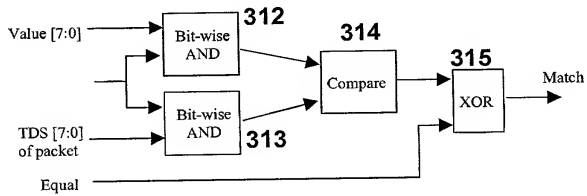
**Rule Field Type 2 Comparison (TDS)**

Fig. 3(b)

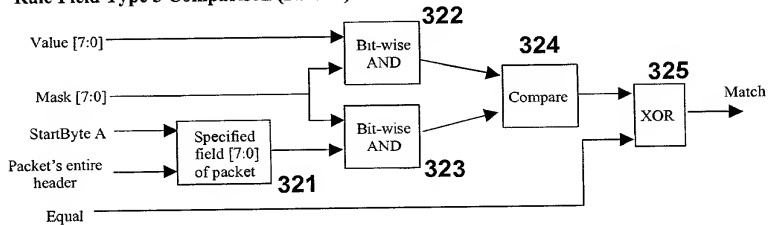
**Rule Field Type 3 Comparison (PRO A)**

Fig. 3(c)

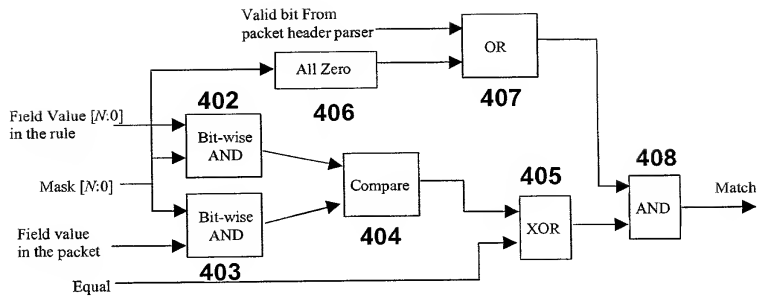


Fig. 4

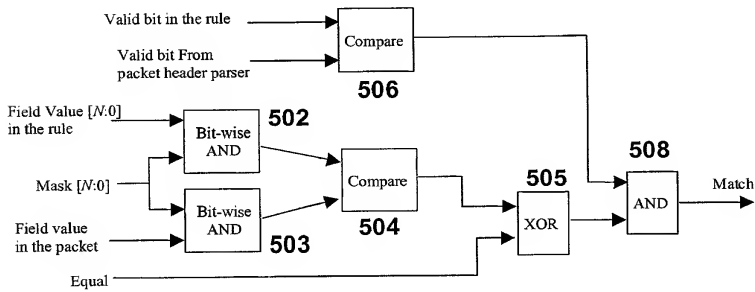


Fig. 5

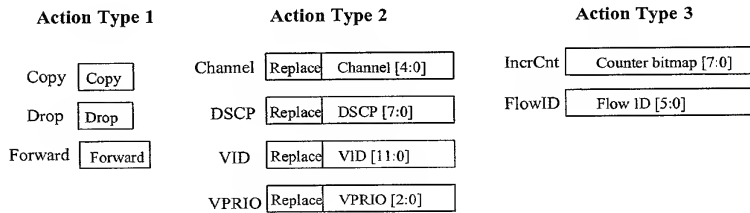


Fig. 6

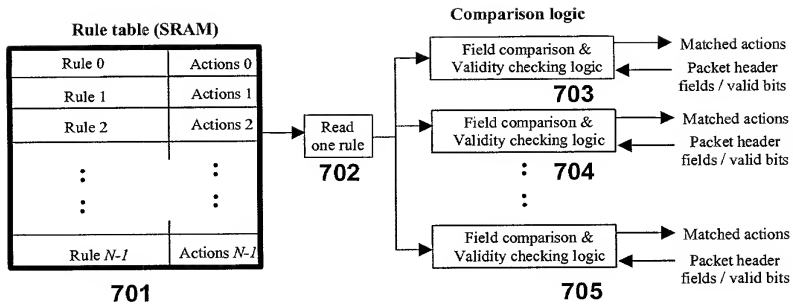


Fig. 7

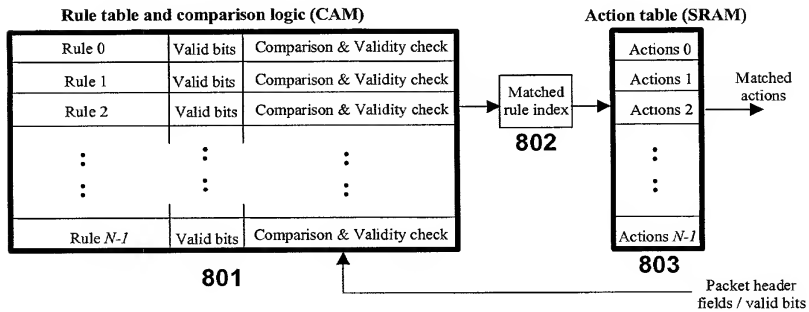


Fig. 8